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PATENTS  
Docket No. CIPHBIO-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Scot Weinberger

Application No.: 10/804,723 Confirmation No.: 8261

Filed : March 19, 2004

For : OFF-RESONANCE MID-IR LASER DESORPTION  
IONIZATION

Group Art Unit : 2881

Mail Stop Amendment  
Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR  
INFORMATION DISCLOSURE STATEMENT

Sir:


Transmitted herewith is an Information Disclosure  
Statement in the above-identified application. This  
Statement is submitted:

- ☐ [ ] within three months of the application filing  
date;
- ☒ [X] more than three months from the application  
filing date but before the mailing date of  
the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission  
of this Statement requires no fee. However, if for any  
reason a fee is due, the Director is hereby authorized to  
charge payment of any fees required in connection with this

Information Disclosure Statement to Deposit Account  
No. 06-1075. A duplicate copy of this letter is  
transmitted herewith.

Respectfully submitted,

  
\_\_\_\_\_  
Tae Bum Shin  
Limited recognition pursuant to  
37 C.F.R. § 11.9(b)  
(Signed in a representative  
capacity as Agent for Applicants  
pursuant to 37 C.F.R. § 1.34(a))

Fish & Neave LLP  
Customer No. 1473  
1251 Avenue of the Americas  
New York, NY 10020-1105  
(650) 617-4000

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Lorraine Coke  
Signature of Person Signing  
12/7/04  
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Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98,  
applicant hereby makes the following documents of record in  
the above identified application:\*

U.S. Patents and Patent Publications

5,045,694	09/1991	Beavis et al.
5,118,937	08/1992	Hillencamp et al.
5,719,060	06/1995	Hutchens
6,225,047	06/1998	Hutchens
6,558,902	05/2003	Hillenkamp
US2002/0138208	09/2002	Paulse et al.
US2002/0193950	12/2002	Gavin et al.

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\* Applicant reserves the right to challenge the status  
of any of the cited documents as prior art.

US2003/0004402	01/2003	Hitt et al.
US2003/0032043	02/2003	Pohl et al.
US2003/0055615	03/2003	Zhang et al.
US2003/0124371	07/2003	Um et al.
US2003/0207460	11/2003	Kitagawa

#### Foreign Patents

WO 00/66265	11/2000	WIPO
WO 00/67293	11/2000	WIPO
WO 01/31580	05/2001	WIPO

#### Other Documents

Adam et al., "Serum Protein Fingerprinting Coupled with a Pattern-matching Algorithm Distinguishes Prostate Cancer from Benign Prostate Hyperplasia and Healthy Men," *Cancer Research*, 62:3609-3614 (2002)

Ball et al., "An Integrated Approach Utilizing Artificial Neural Networks and SELDI Mass Spectrometry for the Classification of Human Tumours and Rapid Identification of Potential Biomarkers," *Bioinformatics*, 18(3):395-404 (2002)

Jain, "Statistical Pattern Recognition: A Review", *IEEE Transactions on Pattern Analysis and Machine Intelligence*, Vol. 22, No. 1, January 2000.

Li et al., "Proteomics and Bioinformatic Approaches for Identification of Serum Biomarkers to Detect Breast Cancer," *Clinical Chemistry Journal*, 48:1296-1304 (2002)

Petricoin et al., "Use of Proteomic Patterns in Serum to Identify Ovarian Cancer," *The Lancet*, 359:572-577 (2002)

Rai et al., "Proteomic Approaches to Tumor Marker Discovery; Identification of Biomarkers for Ovarian Cancer," *Archives of Pathology and Laboratory Medicine*, 126:1518-1526 (2002)

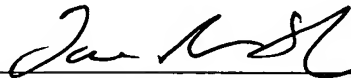
Pursuant to the PTO's waiver of the requirement under 37 CFR 1.98 (a)(2)(i), 1276 OG 55, applicants have not submitted copies of each cited U.S. patent and each

U.S. patent application publication. Copies of the  
aforementioned foreign patent publications and other  
documents, which are listed on the accompanying Form PTO-  
1449, are enclosed herewith.

It is respectfully requested that these documents  
be (1) fully considered by the Patent and Trademark Office  
during the examination of this application; and (2) printed  
on any patent that may issue on this application.  
Applicants request that a copy of Form PTO-1449, as  
considered and initialed by the Examiner, be returned with  
the next communication.

An early and favorable action is respectfully  
requested.

Respectfully submitted,



Tae Bum Shin  
Limited recognition pursuant to  
37 C.F.R. § 11.9(b)  
(Signed in a representative  
capacity as Agent for Applicants  
pursuant to 37 C.F.R. § 1.34(a))

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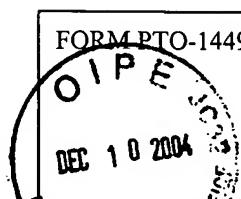
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Date of Deposit

Lorraine Cole  
Name of Person Signing

[Signature]  
Signature of Person Signing

12/7/04  
Date of Signature

	FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <b>CIPBIO-12</b>	SERIAL NO. <b>10/804,723</b>
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT <b>Scot Weinberger</b>	
			FILING DATE <b>March 19, 2004</b>	GROUP <b>2881</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,045,694	09/1991	Beavis et al.			
	5,118,937	08/1992	Hillencamp et al.			
	5,719,060	06/1995	Hutchens			
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	US2003/0032043	02/2003	Pohl et al.			
	US2003/0055615	03/2003	Zhang et al.			
	US2003/0124371	07/2003	Um et al.			
	US2003/0207460	11/2003	Kitagawa			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 00/66265	11/2000	WIPO				
	WO 00/67293	11/2000	WIPO				
	WO 01/31580	05/2001	WIPO				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. <b>CIPHBIO-12</b>	SERIAL NO. <b>10/804,723</b>
	APPLICANT <b>Scot Weinberger</b>	
	FILING DATE <b>March 19, 2004</b>	GROUP <b>2881</b>


**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIALS	
	Adam et al., "Serum Protein Fingerprinting Coupled with a Pattern-matching Algorithm Distinguishes Prostate Cancer from Benign Prostate Hyperplasia and Healthy Men," <i>Cancer Research</i> , 62:3609-3614 (2002)
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